

JID VisualDx Quiz: July 2013

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JID and Logical Images, Inc., have cooperated to offer the *JID* VisualDx Quiz, incorporating diagnostic images from VisualDx's vast database. Questions relate to the image as well as to selected articles in *JID*, which are listed after the questions. Answers will be posted as supplementary material. We hope you enjoy this challenge.

visualdx.



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QUESTIONS

1. What is your diagnosis?

- Rothmund–Thomson syndrome.
- Hutchinson–Gilford syndrome.
- Werner syndrome.
- Aplasia cutis congenita.
- Anhidrotic ectodermal dysplasia.

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2. Which factors are important for progerin expression?

- a. Advanced age.
- b. UVB exposure.
- c. Gender.
- d. Chronic UVA exposure.
- e. Race.

3. Support for a shared mechanism for photoaging and intrinsic aging include the following:

- a. Older adults having increased progerin.
- b. Acute exposure of UV increasing progerin expression.
- c. Progerin expression being elevated in progeria.
- d. Normalization of increased progerin expression being delayed in older adults.
- e. All of the above.

TOPIC ARTICLE

Questions 2 and 3 refer to the following article:

Takeuchi H, Rünger TM (2013) Longwave UV light induces the aging-associated progerin. *J Invest Dermatol* 133:1857–62

Answers to the questions are available in the supplementary material online.

Supplementary material is available at <http://dx.doi.org/10.1038/jid.2013.217>

Additional images related to this condition and the differential diagnosis may be found at <http://info.visualdx.com/l/11412/2013-04-10/s2mhp>.